

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/064,057DATE: 04/30/98
TIME: 15:19:53

INPUT SET: S25451.raw

#11/2

This Raw Listing contains the General
Information Section and up to the first 5 pages.

SEQUENCE LISTING

ENTERED

(1) General Information:

(i) APPLICANT: Gerard, Gary F.
Smith, Michael D.
Chatterjee, Deb K.

(ii) TITLE OF INVENTION: Compositions and Methods for Reverse
Transcription of Nucleic Acid Molecules

(iii) NUMBER OF SEQUENCES: 23

(iv) CORRESPONDENCE ADDRESS:

(A) ADDRESSEE: STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.
(B) STREET: 1100 New York Avenue, Suite 600
(C) CITY: Washington
(D) STATE: DC
(E) COUNTRY: USA
(F) ZIP: 20005

(v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: Floppy disk
(B) COMPUTER: IBM PC compatible
(C) OPERATING SYSTEM: PC-DOS/MS-DOS
(D) SOFTWARE: PatentIn Release #1.0, Version #1.30

(vi) CURRENT APPLICATION DATA:

(A) APPLICATION NUMBER: (To be assigned)
(B) FILING DATE: (Herewith)
(C) CLASSIFICATION:

(vii) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER: US 60/049,874
(B) FILING DATE: 17-JUN-1997
(C) CLASSIFICATION:

(viii) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER: US 60/044,589
(B) FILING DATE: 22-APR-1997

(ix) ATTORNEY/AGENT INFORMATION:

(A) NAME: Esmond, Robert W.
(B) REGISTRATION NUMBER: 32,893
(C) REFERENCE/DOCKET NUMBER: 0942.4330002

09064057 25049060

DATE: 04/30/98
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(ix) TELECOMMUNICATION INFORMATION:
(A) TELEPHONE: 202-371-2600
(B) TELEFAX: 202-371-2540

52 (2) INFORMATION FOR SEQ ID NO:1:
53

(i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 35 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: both
 (D) TOPOLOGY: both

(ii) MOLECULE TYPE: cDNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

7 AGGAGACCCA TATGACTGTT GCGCTACATC TGGCT
8

9 (2) INFORMATION FOR SEQ ID NO:2:
0

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 34 base pairs
- (B) TYPE: nucleic acid
- (C) STRANDEDNESS: both
- (D) TOPOLOGY: both

(ii) MOLECULE TYPE: cDNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

AACGCGACAG GTTAACAGCG CGCAAATCAT GCAG

(2) INFORMATION FOR SEQ ID NO:3:

(i) SEQUENCE CHARACTERISTICS:
 (A) LENGTH: 32 base pairs
 (B) TYPE: nucleic acid
 (C) STRANDEDNESS: both
 (D) TOPOLOGY: both

(ii) MOLECULE TYPE: cDNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:

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100
101 CACACACAGG TACCCTCTCG AAAAGTTAAA CC
102

32

103 (2) INFORMATION FOR SEQ ID NO:4:
104

105 (i) SEQUENCE CHARACTERISTICS:
106 (A) LENGTH: 41 base pairs
107 (B) TYPE: nucleic acid
108 (C) STRANDEDNESS: both
109 (D) TOPOLOGY: both
110

111 (ii) MOLECULE TYPE: cDNA
112
113
114
115

116 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
117

118 CACACACACT CGAGTTATGC AAAAAGAGGG CTCGCCTCAT C
119

41

120 (2) INFORMATION FOR SEQ ID NO:5:
121

122 (i) SEQUENCE CHARACTERISTICS:
123 (A) LENGTH: 36 base pairs
124 (B) TYPE: nucleic acid
125 (C) STRANDEDNESS: both
126 (D) TOPOLOGY: both
127

128 (ii) MOLECULE TYPE: cDNA
129
130
131
132

133 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:
134

135 GGACCCACTG TCTTTACCGC GGCCTCCTCA AGCACC
136

36

137 (2) INFORMATION FOR SEQ ID NO:6:
138

139 (i) SEQUENCE CHARACTERISTICS:
140 (A) LENGTH: 35 base pairs
141 (B) TYPE: nucleic acid
142 (C) STRANDEDNESS: both
143 (D) TOPOLOGY: both
144

145 (ii) MOLECULE TYPE: cDNA
146
147
148
149

150 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:
151

152 CACACACACC CGGGTTAATA CGCTTGAAG GTGGC

35

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153
154 (2) INFORMATION FOR SEQ ID NO:7:
155
156 (i) SEQUENCE CHARACTERISTICS:
157 (A) LENGTH: 31 base pairs
158 (B) TYPE: nucleic acid
159 (C) STRANDEDNESS: both
160 (D) TOPOLOGY: both
161
162 (ii) MOLECULE TYPE: cDNA
163
164
165
166
167 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:
168
169 CACACACATC ATGACTGTTG CGCTACATCT G 31
170
171 (2) INFORMATION FOR SEQ ID NO:8:
172
173 (i) SEQUENCE CHARACTERISTICS:
174 (A) LENGTH: 29 base pairs
175 (B) TYPE: nucleic acid
176 (C) STRANDEDNESS: both
177 (D) TOPOLOGY: both
178
179 (ii) MOLECULE TYPE: cDNA
180
181
182
183
184 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:
185
186 CACACACAGG TACCCTCTCG AAAAGTTAA 29
187
188 (2) INFORMATION FOR SEQ ID NO:9:
189
190 (i) SEQUENCE CHARACTERISTICS:
191 (A) LENGTH: 48 base pairs
192 (B) TYPE: nucleic acid
193 (C) STRANDEDNESS: both
194 (D) TOPOLOGY: both
195
196 (ii) MOLECULE TYPE: cDNA
197
198
199
200
201 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:
202
203 CACACACAGA GGAATTCAGT GATGGTGATG GTGATGTGCA AAAAGAGG 48
204
205 (2) INFORMATION FOR SEQ ID NO:10:

0064057-04298

RAW SEQUENCE LISTING
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206

207

(i) SEQUENCE CHARACTERISTICS:

208

(A) LENGTH: 41 base pairs

209

(B) TYPE: nucleic acid

210

(C) STRANDEDNESS: both

211

(D) TOPOLOGY: both

212

213

(ii) MOLECULE TYPE: cDNA

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215

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217

218

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:10:

219

220

ACTGGAATTC ATGCCAATCC ATCACCATCA CCATCACCCG T

41

221

222

(2) INFORMATION FOR SEQ ID NO:11:

223

224

(i) SEQUENCE CHARACTERISTICS:

225

(A) LENGTH: 41 base pairs

226

(B) TYPE: nucleic acid

227

(C) STRANDEDNESS: both

228

(D) TOPOLOGY: both

229

230

(ii) MOLECULE TYPE: cDNA

231

232

233

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235

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:11:

236

237

ACGTGTCGAC CATATGGATG ACTAGGTGAA ACGGGTGATG G

41

238

239

(2) INFORMATION FOR SEQ ID NO:12:

240

241

(i) SEQUENCE CHARACTERISTICS:

242

(A) LENGTH: 71 base pairs

243

(B) TYPE: nucleic acid

244

(C) STRANDEDNESS: both

245

(D) TOPOLOGY: both

246

247

(ii) MOLECULE TYPE: cDNA

248

249

250

251

252

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:12:

253

254

ACTGGAATTC ATGCCAATCC ATCACCATCA CCATCACCCG TTTCACCTAG TCATCCATAT

60

255

256

GGTCGACACG T

71

257

258

0060457-04200